

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,039,528 B2
APPLICATION NO. : 10/710702
DATED : May 2, 2006
INVENTOR(S) : Ming Gao et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1,

Line 30, after "a", delete "Level I" and insert therefor --Level II--.

Column 3,

Line 23, after "length", delete "a" and insert therefor --a₀--.

Line 24, after "at", delete " α_i " and insert therefor --a_i--.

Line 26, after " σ_i ", insert --.--.

Line 36, after "length", delete " α " and insert therefor --a--.

Line 55, after "G" insert -- σ_i --.

Lines 59-60, after "and", delete " α " and insert --a--.

Column 4,

Line 18, after "as", delete "J app" and insert therefor --Japp--.

Line 22, after "tearing", delete "instabilapp ity" and insert therefor --instability--.

Line 57, after " Δ ", delete " α " and insert therefor --a--.

Line 58, after "length", delete " α " and insert therefor --a--.

Line 66, after "ratio", delete "L_r" and insert therefor --L_r--.

Column 5,

Lines 1-2, after "of", (second occurrence), delete "apref plied" and insert therefor --applied--.

Lines 8-9, after "(J-R)", delete "mat".

Line 9, after " Δ ", delete " α " and insert therefor --a--.

Line 25, after "length", delete " α " and insert therefor --a--.

Column 6,

Line 6, after "that", delete "aJ-R" and insert therefor --a J-R--.

Column 7,

Line 20, after "crack", delete "depth<60%" and insert therefor --depth < 60%--.

Lines 41-42, after "or", delete "vice-versa" and insert therefor --vice-versa--.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 8,

Line 44, after "a", delete "fraction" and insert therefor --function--.

Signed and Sealed this

Fifth Day of December, 2006

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a distinct "D" for "Dudas".

JON W. DUDAS
Director of the United States Patent and Trademark Office